Amendments to the Specification:

Please amend the abstract by replacing the abstract with below:

~~A computer-readable medium encoded with a hyperframe of mixtures of sets of symbols.~~ A method of initialization for a multitone system using a (TDD) in the lower part of the spectrum and a (FDD) system in the upper part of the spectrum. The data rates of a first direction is compared to the data rates of a second direction for a two-band duplex to threshold data rates. Hybrid duplexing is used by encoding a hyper frame. The hyperframe has a~~A~~ first type of symbols ~~are~~is used for data transmission in a first direction using a first set of subchannels and a second direction using a second direction set of subchannels. A second type of symbols are~~is~~ used for data transmission only in the first direction using the first direction set of subchannels. A third type of symbols are~~is~~ used for data transmission in the first direction using subchannels different from that of the set of subchannels used for the second type of symbols. ~~A method of using the hyperframe in a communication system is also disclosed.~~